

**DIMENSIONALLY STABLE COMPOSITE ARTICLE**Abstract

5           A composite article having large scale predictable dimensional stability comprises  
a metal foil backing having adhered thereto a layer of cured polymer having an exposed  
surface bearing a three-dimensional microstructure of precisely shaped and located  
functional discontinuities. The article is made by depositing a layer of a radiation curable  
composition onto a metal foil backing, contacting a master with a pattern capable of  
10   imparting a three-dimensional microstructure of precisely shaped and located functional  
discontinuities into the layer of radiation curable composition, while the layer of radiation  
curable composition is in contact with the master, exposing the curable composition to  
radiation to cure the composition, and separating the cured polymer layer on the metal foil  
backing from the surface of the master. Either the metal foil backing or the master may be  
15   radiation transmissive.